



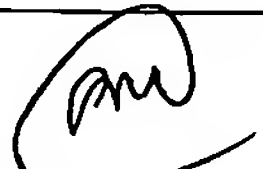
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/710,867	08/09/2004	Bruce Scheffer	A4-1812	4866
27127	7590	09/26/2005	EXAMINER	
HARTMAN & HARTMAN, P.C. 552 EAST 700 NORTH VALPARAISO, IN 46383			HAMDAN, WASSEEM H	
			ART UNIT	PAPER NUMBER
			2854	

DATE MAILED: 09/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	10/710,867		SCHEFFER ET AL.	
	Examiner		Art Unit	
	Wasseem H. Hamdan		2854	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1-20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 August 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Ex parte Quayle

1. This application is in condition for allowance except for the following formal matters:

a. **Title:** The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. The following title is suggested: -- A system and method for managing the tension and maintaining registration between multiple webs in a web finishing system --.

b. **Specification:**

i. The pages of the specification should be numbered; and

ii. Section [0012] where it discloses about "Figure 1", it should be indicated that "Figure 1" is related to a "Prior Art".

c. **Claims:** claims 1-20 are objected to for the following reasons:

i. **Claim 1:**

(1) The recitation in lines 6 and 7 "comparing relative positions of registration marks on the first and second webs;" is not clear what relative positions of the registration marks are compared to? Are they compared to a reference value or to each other (first web and second web)? With the way the present claim is written, either interpretation applies; and

(2) line 10, -- severed -- is needed to be inserted before “lengths” for completeness of the claim language.

ii. **Claim 3:** line 1, the text “QuickMark 1 QuickMark 1” should be deleted.

iii. **Claim 6:**

- (1) Recites in lines 10-12 “comparing relative positions of registration marks on the first and second webs ...” is not clear what relative positions of the registration marks are compared to? Are they compared to a reference value or to each other (first web and second web)? With the way the present claim is written, either interpretation applies; and
- (2) line 16, -- severed -- is needed to be inserted before “lengths” for completeness of the claim language.

iv. **Claim 11:**

- (1) Recites in lines 7 and 8 “means for comparing relative positions of registration marks on the first and second webs;” is not clear what relative positions of the registration marks are compared to? Are they compared to a reference value or to each other (first web and second web)? With the way the present claim is written, either interpretation applies; and
- (2) line 12, -- severed -- is needed to be inserted before “lengths” for completeness of the claim language.

v. ***Claim 16:***

- (1) Recites in lines 10-14 “means for comparing relative positions of registration marks on the first and second webs ...” is not clear what relative positions of the registration marks are compared to? Are they compared to a reference value or to each other (first web and second web)? With the way the present claim is written, either interpretation applies;
- (2) line 18, -- severed -- is needed to be inserted before “lengths” for completeness of the claim language; and
- (3) Line 20, -- before the first and second webs encounter the finishing apparatus -- is needed to be inserted after “coincide” for completeness of the claim language.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Examiner's Statement Of Reason For Allowance

2. The following is an examiner's statement of reasons for allowance:

Claims 1-20 would be allowable if rewritten to overcome the object as set forth in the office action.

Regarding claim 1, the prior art of record does not teach all the combined steps for a method of managing tension and maintaining registration of a first web and at least one second web, including particularly the steps of severing lengths of the second web in response to the relative positions of the registration marks; individually aligning each of the “severed” lengths of the second web with the first web; and then simultaneously performing a finishing operation on the first and second webs with the finishing apparatus.

Regarding claim 6, the prior art of record does not teach all the combined steps for a method of managing tension and maintaining registration of print images on preprinted and rewound webs in a web finishing system, at least first and second webs of the preprinted and rewound webs having registration marks along lengths thereof that demarcate repeat lengths of the print images on the first and second webs, including particularly the steps of severing lengths of the print images of the second web in response to the relative positions of the registration marks; individually aligning each of the “severed” lengths of the second web with the first web so that the print images of the first and second webs coincide, and then simultaneously performing a finishing operation on the first and second webs with the finishing apparatus.

Regarding claim 11, the prior art of record does not teach all the combined components and or elements for a system for managing tension and maintaining registration of a first web and at least one second web, including particularly the means for severing lengths of the second web in response to the relative positions of the registration marks, means for individually aligning each of the “severed” lengths of the second web with the first web before the first and second

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webs encounter the performing means; and means for simultaneously performing a finishing operation on the first and second webs.

Regarding claim 16, the prior art of record does not teach all the combined components and or elements for a system of managing tension and maintaining registration of print images on preprinted and rewound webs in a web finishing system, including particularly the means for severing lengths of the print images of the second web in response to the relative positions of the registration marks; and means for individually aligning each of the “severed” lengths of the second web with the first web so that the print images of the first and second webs coincide “before the first and second webs encounter the performing means”; and a finishing apparatus for simultaneously performing a finishing operation on the first and second webs.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The prior art of record does not teach all the combined elements, components and steps as discussed above in the “examiner’s statement of reasons for allowance”.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wasseem H. Hamdan whose telephone number is (571) 272-2166. The examiner can normally be reached on M-F (first Friday off) 6:30 AM- 4:00 PM.

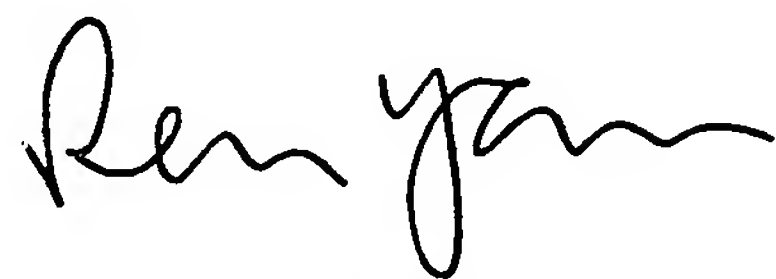
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew H. Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Wasseem H. Hamdan

August 12, 2005



REN YAN
PRIMARY EXAMINER